



(19)

(11) Publication number: **05320055**

Generated Document.

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **03188279**(51) Intl. Cl.: **A61K 31/725 A61K 9/08 A61K 9/12**(22) Application date: **03.07.91**

(30) Priority:

(43) Date of application  
publication: **03.12.93**(84) Designated contracting  
states:(71) Applicant: **DENKI KAGAKU KOGYO KK**(72) Inventor: **mitsuno tooru**  
**mimura shuji**  
**miyoshi teruzo**

(74) Representative:

**(54) ALLERGY  
THERAPEUTIC AGENT**

(57) Abstract:

**PURPOSE:** To provide the allergy therapeutic agent not having any adverse action but having an excellent antiallergic action different from those of conventional allergy-therapeutic agents.

**CONSTITUTION:** This allergy therapeutic agent contains hyaluronic acid and/or its nontoxic salt such as sodium salt, potassium salt or calcium salt as an active ingredient. The therapeutic agent is especially used as a collunarium, ophthalmic agent, skin and mucous membrane-coating agent or spray-coating agent for oral cavities and pharynxes. The concentration of the active ingredient is preferably 0.01-2wt.%, 0.0001-5wt.%, 0.01-10wt.% and 0.01-10wt.% in the cases of the collunarium, the ophthalmic agent, the coating agent for the skin and mucous membrane, and the spray-coating agent for the oral cavities.pharynxes, respectively,

although the concentration of the active ingredient cannot absolutely be determined, because the viscosity and fluidity of the solution is different in response to the mol.wt. of the active ingredient, and although the concentration is different by its preparation shape and its using method. Although especially not limited, the mol.wt. of the active ingredient is preferably 10000-5000000. Other allergic agents having different action mechanisms may together be used in order to enhance the allergic effect.

COPYRIGHT: (C)1993,JPO&Japio